Rohit Jain

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Summary

1st-year BTech CSE student at SOA University with 3 production-deployed projects spanning full-stack web development, agentic AI workflows, and cloud deployment (DigitalOcean, Vercel). Hackathon winner with hands-on experience in Django, React, Firebase, and n8n-based multi-agent systems. Actively solving DSA problems on LeetCode (112+ solved) with a 50-day consistency streak.

Education

Siksha 'O' Anusandhan University (ITER, SOA) Bhubaneswar, India
Bachelor of Technology in Computer Science and Engineering *Aug 2025 – Aug 2029*

- CGPA: 8.66
- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems

Technical Skills

Languages: Python, Java, JavaScript, SQL
Frameworks & Libraries: Django, React, Node.js, n8n
Databases: MySQL, SQLite, Firebase Firestore
Cloud & DevOps: Docker, Nginx, Gunicorn, DigitalOcean, Render, Railway, Vercel
APIs & Tools: REST API Design, Gemini API, Groq, SerpAPI, Git, GitHub
Core Competencies: Full-Stack Development, Backend Engineering, DSA, Agentic AI Workflows

Projects

INVOYGER | *Django, MySQL, ReportLab, Gunicorn, Nginx, DigitalOcean* | GitHub | Live Nov 2025

- Engineered a role-based e-commerce platform with 5 modular Django apps (accounts, shop, orders, adminpanel, authsys), supporting end-to-end browse → cart → checkout → invoice workflow.
- Automated server-side PDF invoice generation with ReportLab, eliminating manual billing on every order completion.
- Designed an order-item snapshot system preserving purchase-time product state, ensuring 100% data consistency post-catalog updates.
- Deployed on DigitalOcean VPS with Gunicorn + Nginx; configured production environment with static file serving and process management.

Nexus-Learn | *React 19, Firebase Auth, Firestore, Gemini API, Vercel* | GitHub | Live Jan 2026

- Led backend architecture of a Gemini 2.5 Flash-powered adaptive LMS with 3 AI modules (SENTINEL, IRIS, APOLLO) delivering per-learner fatigue scoring on a 0–100 scale.
- Built a deterministic fallback engine (computeTwin) providing baseline insights without API calls, reducing AI inference costs by ∼80% vs. traditional LMS platforms.
- Deployed as a static Vercel bundle with environment-variable-driven config and git-ignored secrets; maintained zero credential exposure in production.

Sentinel-X | *n8n, Node.js, Groq, SerpAPI, JavaScript* | GitHub| Live Dec 2025

- Built a 2-agent autonomous deforestation detection system using n8n visual workflows, orchestrating a Field Researcher and Policy Director agent to produce SDG-aligned JSON governance reports.
- Integrated SerpAPI, Wikipedia, and HTTP tools for real-time evidence gathering; structured policy output covers threat level, risk assessment, and immediate action fields.
- Developed a browser dashboard with scenario injection panel and terminal-style orchestration log; bridged frontend to n8n via a custom Node.js CORS proxy.

Experience

Technical Team Member — CODEX, Technical Society of SOA University Bhubaneswar, India
Nov 2025 – Present

- Served as technical volunteer at college Tech Fest, assisting in event coordination, participant onboarding, and on-ground technical support across multiple events.
- Collaborated with a 4+ member developer team to ship internal technical projects and assist in organizing web development workshops for junior cohorts.
- Contributed to hands-on event execution, gaining exposure to large-scale technical event management and cross-team coordination.

Achievements & Certifications

2nd Place — Ananta Chakra Agentic AI Council Hackathon
Built and deployed an agentic AI system under competition constraints.
Participant — IIT Bhubaneswar Web Hackathon, XIM Hackathon, Hack4Impact Hackathon
Co-delivered Nexus-Learn as a live production team project.
50-Day LeetCode Streak Badge 2026 — 112+ problems solved (70E / 35M / 7H)
Infosys Springboard — Front End Web Developer Certification | Feb 2026